

CPC**COOPERATIVE PATENT CLASSIFICATION****B63J****AUXILIARIES ON VESSELS****NOTE**

In this subclass, the following term is used with the meaning indicated: - "auxiliaries" means only apparatus specially arranged for rendering vessels, in general, habitable or operative, insofar as such apparatus is not specifically provided for in another subclass of class B63

In this subclass, the indexing codes [B63B 2201/00](#) to [B63B 2241/00](#) are to be used for relevant technical information concerning particular or unusual use, materials, design, methods or means.

B63J 1/00 Arrangements of installations for producing fresh water, e.g. by evaporation and condensation of sea water {(treatment of water in general C02F)}

B63J 2/00 Arrangements of ventilation, heating, cooling, or air-conditioning (for submarines [B63G 8/00](#); ventilating for cleaning tanks [B63B 57/04](#); for vehicles in general [B60H](#))

- B63J 2/02 . Ventilation; Air-conditioning
- B63J 2/04 . . of living spaces
- B63J 2/06 . . of engine rooms
- B63J 2/08 . . of holds (heating or cooling of liquid-freight-carrying tanks [B63J 2/14](#); arrangements for stowing frozen goods in vessels [B63B 25/26](#))
- B63J 2/10 . . Ventilating-shaft; Air-scoops (for port-holes [B63B 19/04](#))
- B63J 2/12 . Heating; Cooling
- B63J 2/14 . . of liquid-freight-carrying tanks

B63J 3/00 Driving of auxiliaries (transmission elements per se F16)

WARNING

[B63J 3/00](#) and subgroups are not complete pending a reclassification; see also group [B63J 99/00](#)

- B63J 3/02 . from propulsion power plant
- B63J 3/04 . from power plant other than propulsion power plant

B63J 4/00 Arrangements of installations for treating {ballast water,} waste water, sewage, {sludge, or refuse}, or for preventing environmental pollution not otherwise provided

for; ({ centrifugal bilge-water separators B04; discharge of refuse, e.g. for ash [B63B 17/06](#) ; arrangements on tanks for fuel or the like for minimizing pollution by accidents [B63B 17/0036](#), associated with cargo tanks [B63B 25/082](#); vessels for collecting pollution from open water [B63B 35/30](#);} soil-water discharges [B63B 29/16](#) ; { treating waste water, sewage, or sludge, in general, C02F; cleaning or keeping clear the surface of open water, in general [E02B 15/00](#)})

WARNING

[B63J 4/00](#) is not complete pending a reclassification; see also groups [B63B 13/00](#), [B63B 17/00](#), [B63B 29/16](#), [B63J 99/00](#)

- [B63J 4/002](#) . { for treating ballast water}
- [B63J 4/004](#) . { for treating sludge, e.g. tank washing sludge}
- [B63J 4/006](#) . { for treating waste water or sewage}

[B63J 99/00](#) Subject matter not provided for in other groups of this subclass

WARNING

This group is pending a reorganisation; also documents covered by groups [B63B 17/00](#), [B63J 3/00](#), [B63J 4/00](#), and subgroups are within this group

[B63J 2002/00](#) Arrangements of ventilation, heating, cooling, or air-conditioning (for submarines [B63G 8/00](#); ventilating for cleaning tanks [B63B 57/04](#); for vehicles in general [B60H](#))

- [B63J 2002/005](#) . Intakes for coolant medium other than sea chests, e.g. for ambient water
- [B63J 2002/12](#) . Heating; Cooling
- [B63J 2002/125](#) . . making use of waste energy

[B63J 2003/00](#) Driving of auxiliaries (transmission elements per se F16)

WARNING

[B63J 3/00](#) and subgroups are not complete pending a reclassification; see also group [B63J 99/00](#)

- [B63J 2003/001](#) . characterised by type of power supply, or power transmission, e.g. by using electric power or steam
- [B63J 2003/002](#) . . by using electric power
- [B63J 2003/003](#) . . . using photovoltaic power generation, e.g. using solar panels
- [B63J 2003/005](#) . . by using mechanical power transmission, e.g. gearings
- [B63J 2003/006](#) . . by using hydraulic power transmission

- B63J 2003/007 . . by using a gas, other than steam, as power transmission medium, e.g. for pneumatic power transmission
- B63J 2003/008 . . by using steam
- B63J 2003/04 . from power plant other than propulsion power plant
- B63J 2003/043 . . using shore connectors for electric power supply from shore-borne mains, or other electric energy sources external to the vessel, e.g. for docked, or moored vessels
- B63J 2003/046 . . using wind or water driven turbines or impellers for power generation

B63J 2004/00

Arrangements of installations for treating { ballast water,} waste water, sewage, { sludge, or refuse}, or for preventing environmental pollution not otherwise provided for; ({ centrifugal bilge-water separators B04; discharge of refuse, e.g. for ash [B63B 17/06](#) ; arrangements on tanks for fuel or the like for minimizing pollution by accidents [B63B 17/0036](#), associated with cargo tanks [B63B 25/082](#); vessels for collecting pollution from open water [B63B 35/30](#);} soil-water discharges [B63B 29/16](#) ; { treating waste water, sewage, or sludge, in general, C02F; cleaning or keeping clear the surface of open water, in general [E02B 15/00](#)})

WARNING

[B63J 4/00](#) is not complete pending a reclassification; see also groups [B63B 13/00](#), [B63B 17/00](#), [B63B 29/16](#), [B63J 99/00](#)

- B63J 2004/008 . by using dust separation, e.g. during loading

B63J 2099/00

Subject matter not provided for in other groups of this subclass

WARNING

This group is pending a reorganisation; also documents covered by groups [B63B 17/00](#), [B63J 3/00](#), [B63J 4/00](#), and subgroups are within this group

- B63J 2099/001 . Burning of transported goods, e.g. fuel, boil-off or refuse
- B63J 2099/003 . . of cargo oil or fuel, or of boil-off gases, e.g. for propulsive purposes
- B63J 2099/005 . . of refuse
- B63J 2099/006 . Use of computers for particular ship-related tasks, or the like, e.g. for evaluating state variables
- B63J 2099/008 . . for evaluating navigational state variables, e.g. speed, distance, wind parameters, or the like